Number	Author	Comment	Status
1	(Intel)	Conditional netlists:(.IF, .ELSEIF, .ELSE, .ENDIF) need to be supported in IBIS-ISS. To make this truly useful, section 5.3 "String parameters" should expand to allow instantiation of string parameters in conditional statements. This requires definition of the semantics of relational operators applied to strings. Pattern matching would be useful in the semantics.	
2	(Intel)	Quote characters: Section 4.2 "Statements and Arguments" lists these as not allowed in parameters or node names: ( ) = " ‘ Table 3: "IBIS-ISS Special Characters" in section 4.3 "Special Characters" allows " Double-quotes, and ‘ ’ Single quotes To be consistent, the "double quotes" entry should have to "open quote" / "close quote" pair: “ ” Quoting of strings throughout the document is inconsistent (examples: section 5.2: " .PARAM x=’y+3’ ", section 5.4: " str('string') ", and Section 6: " .INCLUDE ‘file_path file_name’ " However - To simplify syntax and reduce confusion, only quotation marks ("), ASCII 0x22 should be used in the specification, unless there is some syntax that will distinguish between quotation marks and apostrophes ('), ASCII 0x27. The "open quote" and "open apostrophe" (no ASCII designation) should not be allowed. As a weak alternative (the "committee weasel"), all four characters could be allowed, but use of anything but quotation marks should be deprecated.	
3	(Intel)	Section 5.1, Table 7, ".PARAM Statement Syntax and Examples": Please clarify the difference between a "User-defined Function" and a "Predefined Analysis Function", as the syntax only indicates a difference in quoting.	
4	Radek Biernacki, Agilent	Pages 1-13, Section 4.3, and many other places (p. 16, Section 4.8, second bullet, and all Elements – Section 11) – please unify the guidelines/requirements regarding names and the use of special characters in the names. (For example, the text “Subsequent characters in a parameter name shall each be either a digit, or one of the following characters: …” contradicts the phrase “…, followed by up to 1023 alphanumeric characters”. If (see Page 16) only “! # % [ ] _“ are listed it should be clear whether it is just a recommendation (then Table 3 should contain a phrase “avoid usage” for all other symbols) or a requirement (then Table 3 should contain a note “illegal”).	
5	Radek Biernacki, Agilent	Page 8 – move the second paragraph of Section 4.2 to the end of Section 4.1 where it belongs.	
6	Radek Biernacki, Agilent	Page 8, Section 4.2 – add “Statements may occupy more than one line, provided a line continuation character or sequence (defined later) is used. No more than one statement may appear in any single line.”	
7	Radek Biernacki, Agilent	Page 9, second bullet – should “non-alphanumeric” read “non-blank”?	
8	Radek Biernacki, Agilent	Page 9, last bullet – please remove the requirement “part of” if it is not needed.	
9	Radek Biernacki, Agilent	Page 10 – perhaps “Remarks” should be used instead of “Comments” for the title of the last column.	
10	Radek Biernacki, Agilent	Page 13 – last row of Table 3 – the content of the column “Node Name” is confusing and seems to be out of place.	
11	Radek Biernacki, Agilent	Page 4.4, first sentence of Section 4.4 – should “first character” read “first non-blank character”?	
12	Radek Biernacki, Agilent	Page 15, row “V” of Table 5 – remove the right parenthesis.	
13	Radek Biernacki, Agilent	Page 17, the first word of Section 4.11 – replace “Input” by “Statements”.	
14	Radek Biernacki, Agilent	Page 17, the last line – add “as the first non-blank character in the continuation line.	
15	Radek Biernacki, Agilent	Page 18, first bullet – add “as the last two characters in the line to be continued”	
16	Radek Biernacki, Agilent	Pages 17 and 18 – the three bullets do not address the following questions :a. is the whitespace allowed only in the quoted strings	
17	Radek Biernacki, Agilent	Page 19, first paragraph – remove “or that are calculated based on circuit solution values” since it refers to post-processing and is not applicable to IBIS-ISS.	
18	Radek Biernacki, Agilent	Page 20, third paragraph and Page 27, first paragraph – perhaps a phrase like “tail-truncated” would be more precise than “ordered”.	
19	Radek Biernacki, Agilent	Page 21, second bullet – perhaps “expressions” is a better word than “algebra”	
20	Radek Biernacki, Agilent	Page 21, second paragraph – it does not belong here; also it needs to be stated whether any whitespace that precedes the double backslash becomes a legitimate character in the string.	
21	Radek Biernacki, Agilent	Page 22, the first three rows – remove “(radians)”.	

22	Radek Biernacki, Agilent	Page 24, Table 10 – it does not belong to Section 5.2, please move it to Section 5.1; suggested title of the table: "IBIS-ISS Reserved Parameter Names"; please also add the following: "Parameters with the following/above names shall not be defined anywhere in IBIS-ISS. Their usage should be avoided."	
23	Radek Biernacki, Agilent	Page 26, second paragraph – "is be" should read "is"; also, please remove "an instance of" – parameters are not instantiated; also, please add a note that the quotes are not used in the call str(*parameter_name*).	
24	Radek Biernacki, Agilent	Page 26, first paragraph in Section 5.4 – suggested improvement: say "the subcircuit within which it is defined" instead of "that subcircuit".	
25	Radek Biernacki, Agilent	Page 26, Section 5.4 example – please change ".param x=3" to ".param x=4" and provide explanation regarding actual instantiation of the resistor "r1".	
26	Radek Biernacki, Agilent	Page 27, first row of Table 11 – the second paragraph in the Description column should be a general comment made outside of the table.	
27	Radek Biernacki, Agilent	Page 28, first paragraph – should "the first character" read "the first non-blank character"?	
28	Radek Biernacki, Agilent	Page 28, example – an explanation is needed why the dollar sign in "1w$comment" and in "1k$comment" is treated as the comment character.	
29	Radek Biernacki, Agilent	Page 29 – please remove two sentences: "They can be …" and "Note that .MODEL …" – they both offer some confusing interpretation.	
30	Radek Biernacki, Agilent	Page 30, Syntax –the ".subckt" definition statement can optionally include parameter definition(s) – this should be shown; also, assuming that "*n1* " is required, please correct the example on Page 26.	
31	Radek Biernacki, Agilent	Page 32, second paragraph of Section 1.1 – remove an extra " . ".	
32	Radek Biernacki, Agilent	Page 32, Syntax – remove the line break in the syntax definition.	
33	Radek Biernacki, Agilent	Page 32, Table 12 – please unify definition of the node arguments in Tables 12, 13, 14 and 15.	
34	Radek Biernacki, Agilent	Page 32, Table 12 – in the last row "an integer" should read "a positive integer". Similar corrections are needed in several other places.	
35	Radek Biernacki, Agilent	Page 34, Table 15 – add "DC" to the description of the **DC** argument.	
36	Radek Biernacki, Agilent	Page 35, Table 16 – improve the description of the **K** argument to read "This is a non-zero unitless number"	
37	Radek Biernacki, Agilent	Page 35, Section 11.7 – make "*[* " and "*]* " non-italic.	
38	Radek Biernacki, Agilent	Page 36, Table 18 – make "*I* " lower case in "*In* " (for consistency with the syntax).	
39	Radek Biernacki, Agilent	Page 37, first paragraph – remove it.	
40	Radek Biernacki, Agilent	Page 37, Syntax – either **RLGCMODEL** or **TABLEMODEL** shall be specified – remove "[" and "]".	
41	Radek Biernacki, Agilent	Page 37, Table 19 – "non-zero" should read "positive"; also search for similar usage of "non-zero".	
42	Radek Biernacki, Agilent	Page 37, Table 19 – rows 3 and 5 – change "terminal" to "terminals".	
43	Radek Biernacki, Agilent	Page 38, third bullet – remove this item since it is not supported (unless the argument **RLGCfile** is added).	
44	Radek Biernacki, Agilent	Page 38, second paragraph – does "interspersed" imply any order? If so, I do not believe it.	
45	Radek Biernacki, Agilent	Page 38, Format 1 – remove/improve the second and the fourth bullet items.	
46	Radek Biernacki, Agilent	Page 38, Syntax – move "]" to the end.	
47	Radek Biernacki, Agilent	Page 39, Table 20 – arguments **L** and **C** should read **Lo** and **Co**.	
48	Radek Biernacki, Agilent	Page 39, Table 20 – align the units.	
49	Radek Biernacki, Agilent	Page 39, Table 20 – "grounds" should read "ground".	
50	Radek Biernacki, Agilent	Page 41, third paragraph – this should only be a recommendation.	
51	Radek Biernacki, Agilent	Page 42 – remove the text from "An alternative value …" to the end of the section. The parameter **fgd** should be added to appropriate table and syntax.	
52	Radek Biernacki, Agilent	Page 44 – make a comment that "*npts* " is not an argument (it is the first value under the **DATA** argument).	
53	Radek Biernacki, Agilent	Page 44 –"*filename* " in "**DATA**=" should read "*data* ".	
54	Radek Biernacki, Agilent	Page 45, Table 22 – "**RLMODEL**" should read "**RMODEL**".	
55	Radek Biernacki, Agilent	Page 46, first sentence – please improve it (the S-element is not network data, it is a component).	
56	Radek Biernacki, Agilent	Page 46, Table 23 – "With an N reference node" should read "With N reference nodes".	
57	Radek Biernacki, Agilent	Page 47 – remove the text from "All optional …" to "a higher priority".	
58	Radek Biernacki, Agilent	Page 48 – modify the text according to making the argument **N** as required.	
59	Radek Biernacki, Agilent	Page 49 – remove description related to "s#p".	
60	Radek Biernacki, Agilent	Page 49 – remove the last sentence.	
61	Radek Biernacki, Agilent	Page 50 – Pole-Zero Function syntax – replace all "a" by "α".	

62	Radek Biernacki, Agilent	Page 50, the last row – remove extra parentheses.	
63	Radek Biernacki, Agilent	Page 51, second paragraph – “Re[pi]” should read “*Re{p i }*”; also remove the second sentence.	
64	Radek Biernacki, Agilent	Page 51, after the second paragraph – apparently an example is missing, to which the last paragraph refers.	
65	Radek Biernacki, Agilent	Page 53 – the purpose of **Note** is not clear.	
66	Radek Biernacki, Agilent	Pages 53 and 54, Elements **F** and **G** – the direction of the source current needs to be specified.	
67	Radek Biernacki, Agilent	Pages 53 and 57, Elements **F** and **H**, Tables 26 and 28 – add a comment about the direction of the probed current (in a V-element).	
68	Radek Biernacki, Agilent	Page 53, last row – “Names” should read “Name”.	
69	Radek Biernacki, Agilent	Page 54 – similar to Comment 58.	
70	Radek Biernacki, Agilent	Page 54, second paragraph – “Table VCCS Parameters” should read “Table 27: G-element Arguments”.	
71	Radek Biernacki, Agilent	Page 56 – similar to Comment 62.	
72	Radek Biernacki, Agilent	Page 57 – similar to Comment 65; also, remove the second sentence.	
73	Radek Biernacki, Agilent	Page 58 – see Comment 1.	
74	Radek Biernacki, Agilent	Pages 59 and 60 – several corrections are needed if Section 13 stays.	
75	Radek Biernacki, Agilent	Page 61 – fix the references to follow IEEE styles; make sure that the titles are all included; remove any references not needed anymore; add a reference to HSPICE manuals.	